

(12) United States Design Patent (10) Patent No.:

Popovich (45) Date of Patent: Jul. 2, 2019

(54) SELF-ADJUSTING BRIDGING FOR FLOORBOARD JOISTS

(71) Applicant: Steve Popovich, Beecher, IL (US)

Inventor: Steve Popovich, Beecher, IL (US) (72)

15 Years Term:

(21) Appl. No.: 29/657,268

(22) Filed: Jul. 20, 2018

(51)LOC (11) Cl. 25-01

U.S. Cl. USPC **D25/133**

Field of Classification Search (58)

> USPC D25/126, 127, 128, 129, 130, 131, 132, D25/133, 134, 135, 102, 110, 119, 124,

> > (Continued)

(56)References Cited

U.S. PATENT DOCUMENTS

8/1891 Paine 459,900 A * 9/1891 Gustafson E04C 3/02 52/695

(Continued)

OTHER PUBLICATIONS

"Speed Pro 400cm Centre Herrinngbone Joist Struts" http://www. builderdepot.co.uk/pound-0-35-per-strutt-box-of-50no-speed-pro-400mm-centre-herringbone-joist-struts-480mm-long-galvanised. html Apr. 28, 2018 (Year: 2018).*

(Continued)

Primary Examiner — Cathron C Brooks Assistant Examiner — Samantha O Lawrence (74) Attorney, Agent, or Firm — Lesley A. Wallerstein,

The ornamental design for a self-adjusting bridging for floorboard joists, as shown and described.

DESCRIPTION

US D852,986 S

FIG. 1 is a top perspective front view of a self-adjusting bridging for floorboard joists, according to the present invention.

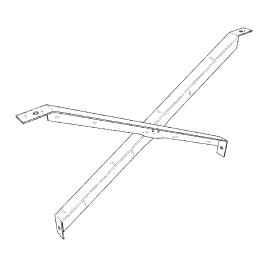
FIG. 2 is a top perspective view of the self-adjusting bridging for floorboard joists of FIG. 1.

FIG. 3 is a bottom perspective view of the self-adjusting bridging for floorboard joists of FIG. 1.

FIG. 4 is a partial enlarged view of FIG. 2 of the self-

adjusting bridging for floorboard joists. FIG. 5 is a front view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in an open position. FIG. 6 is a back view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in an open position. FIG. 7 is a left view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in an open position. FIG. 8 is a right view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in an open position. FIG. 9 is a top view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in an open position. FIG. 10 is a bottom view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in an open position. FIG. 11 is a front view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in a closed position. FIG. 12 is a back view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in a closed position. FIG. 13 is a left view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in a closed position. FIG. 14 is a right view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in a closed position. FIG. 15 is a top view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in a closed position; and, FIG. 16 is a bottom view of the self-adjusting bridging for floorboard joists of FIG. 1, shown in a closed position. The broken lines shown in FIG. 1 illustrate environment and form no part of the claimed design. The remaining broken lines shown in FIGS. 2-6 illustrate portions of the selfadjusting bridging for floorboard joists that form no part of

1 Claim, 10 Drawing Sheets



the claimed design.

US D852,986 S

Page 2

(58)	Field of Clas	, ,	A *	2/1968	McClelland E04G 5/16			
	USPC I	',			52/645			
		, 4,122,647	A *	10/1978	Kovar E04C 3/02			
		Ĺ			52/695			
		4,261,149	A *	4/1981	Gustafson E04B 1/34352			
	CPC E04	_			52/292			
			A *	6/1982	Robinson E04C 3/02			
	E0-				52/695			
		5,505,031			Heydon			
			15/02458; E04G 23/021	5,937,608	A *	8/1999		
	See application			0/4000	52/105			
	11		1	5,946,867	A *	9/1999	Snider, Jr E04F 15/02458	
(56)		Referen	ices Cited			4 (2.0.0.4	52/126.6	
(50)		11010101	ices circu	6,170,218			Shahnazarian Fo.16.2/10	
	U.S. PATENT DOCUMENTS			8,966,856	B2 *	3/2015	Groenesteyn E04C 3/18	
	0.101			2007/0022701	A 1 &	2/2007	52/643 E04P 3/7457	
	562,971 A	6/1896	Park	2007/0022701	A1*	2/2007		
	655,693 A		Dempster et al.	2015/0267393	A 1 &	0/2015	52/693 F0.4F.13/0966	
	1,496,133 A		Rothrock	2015/0207393	Al	9/2015	Bovet E04F 13/0866	
	1,514,577 A *	11/1924	Burrell E04C 3/0	2017/0073969	A 1 %	2/2017	52/126.3 Kriston E04C 3/09	
			52/69	5 2017/0073909	A1 *	3/201/	Kriston E04C 3/09	
	1,609,699 A *	12/1926	Coryel1 E04C 3/0	2				
	52/695			5	OTHER PUBLICATIONS			
	1,642,945 A * 9/1927 Davidson E04C 3/02			2				
			52/127.					
	1,725,414 A	Structure Lock 2	Structure Lock X brace I joist; http://structurelock.com/usa/portfolio/					
	1,729,741 A 10/1929 Heltzel			x-brace-i-joist/.				
	-,		Eichenlaub	3				
3	3,155,202 A *	Milette E06B 9/0						
			211/18	7 * cited by exa	mine	r		

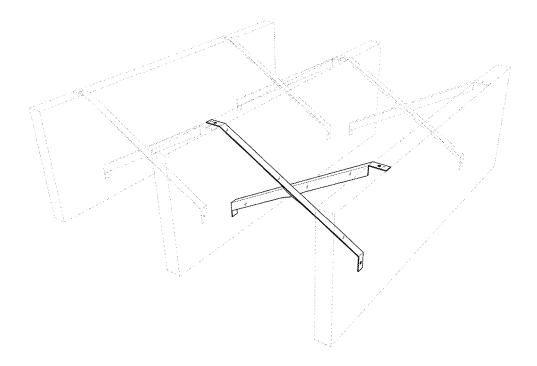


FIG. 1

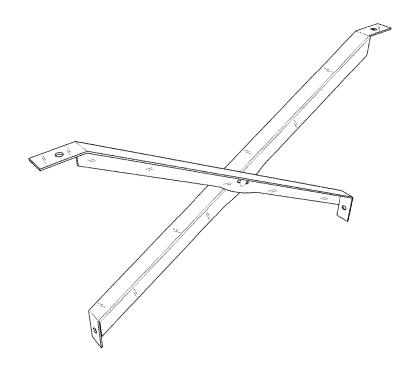


FIG. 2

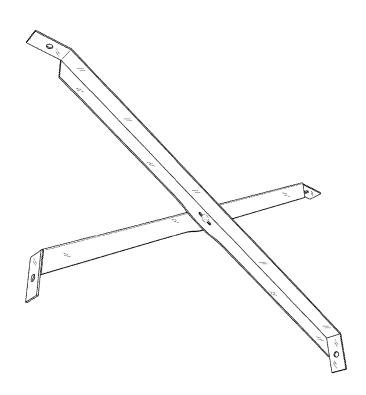


FIG. 3

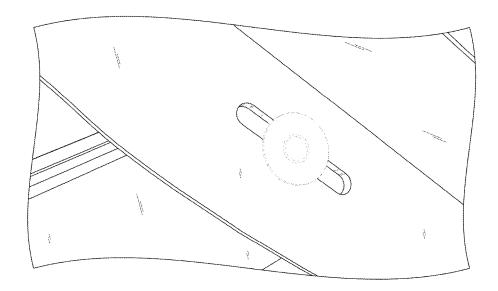


FIG. 4

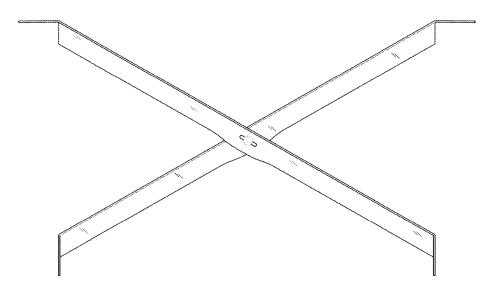


FIG. 5

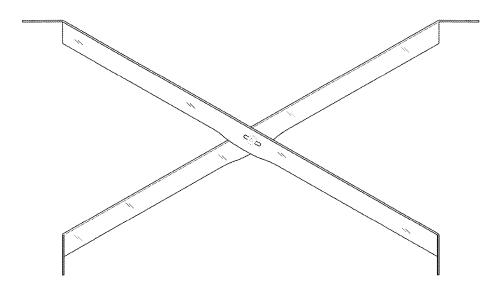
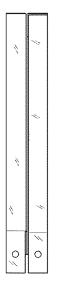


FIG. 6



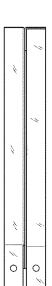


FIG. 7

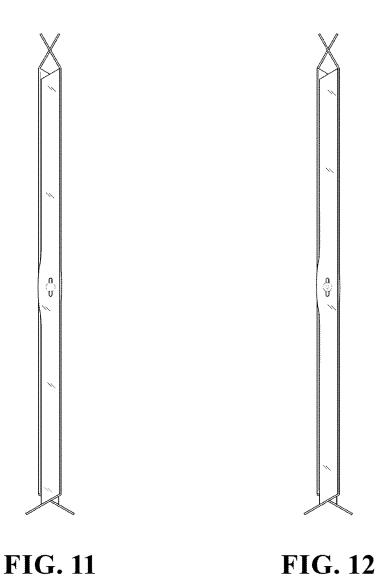
FIG. 8



FIG. 9



FIG. 10



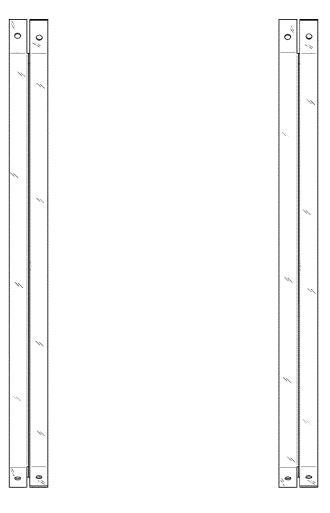


FIG. 13

FIG. 14



FIG. 15



FIG. 16